INFORMATION DISCLOSURE CITATION
MAR 15 2002

March 12, 2002

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APPLICANT
Mitchell C. SandersFILING DATE
May 3, 2001GROUP
1645

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U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
Sul	AA	6,207,420 B1	03/27/01	Harrison, et al.	435	69.7	
Sul	AB	5,989,868	11/23/99	Harrison, et al.	435	69.7	
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
	AL						
	AM						
	AN						
	AO						
	AP						
	AQ						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

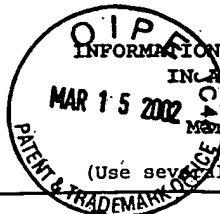
Sul	AR	Davis, G.D., et al., "New Fusion Protein Systems Designed to Give Soluble Expression in Escherichia coli," Biotech. and Bioeng., 65(4): 382-388 (1999).
Sul	AS	Goodwin, E.C., and Rottman, F.M., "The 3'-Flanking Sequence of the Bovine Growth Hormone Gene Contains Novel Elements Required for Efficient and Accurate Polyadenylation," J. Biol. Chem., 267(23):16330-16334 (1992).
Sul	AT	Harrison, R.G., "Expression of Soluble Heterologous Proteins via Fusion with NusA Protein," Innovations, 11:4-7 (2000).

EXAMINER

DATE CONSIDERED

10-29-02

PTO-1449 REPRODUCED

ATTORNEY DOCKET NO.
3265.1002-000APPLICATION NO.
09/848,780INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

March 12, 2002

(Use several sheets if necessary)

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FOREIGN PATENT DOCUMENTS

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SwL	AU	Kim K.K., et al., "Crystal Structure of a Small Heat-shock Protein," Nature, 394:595-599 (1998).
SwL	AV	Koo J., et al. "Antacid Increases Survival of <i>Vibrio vulnificus</i> and <i>Vibrio vulnificus</i> Phage in a Gastrointestinal Model," Applied and Environmental Microbiology, 67(7):2895-2902 (2001).
SwL	AW	Liang P., and MacRae, T.H., "The Synthesis of Small Heat Shock/ α -crystallin Protein in <i>Artemia</i> and its Relationship to Stress Tolerance During Development," Dev. Biol., 207(2):445-450 (1999).
SwL	AX	MacRae, T.H., "Structure and Function of Small Heat Shock/ α -crystallin Proteins: Established Concepts and Emerging Ideas," Cell Mol. Life Sci., 57(6):899-913 (2000).
SwL	AY	Marini I., et al., "Alpha-Crystallin-Like Molecular Chaperone Against the Thermal Denaturation of Lens Aldose Reductase: The Effect of Divalent Metal Ions," Biochemical and Biophysical Research Communications, 212(2):413-420 (1995).
SwL	AZ	Sun T-X., et al., "Conformational and Functional Differences between Recombinant Human Lens α A- and α B- Crystallin," J. Biol. Chem., 272(10):6220-6225 (1997).
SwL	AR2	Wilkinson, D.L., and Harrison, R.G., "Predicting the Solubility of Recombinant Proteins in <i>Eschericia coli</i> ," Bio/Technology, 9:443-448 (1991).

EXAMINER

DATE CONSIDERED

PTO-1449 RECEIVED		ATTORNEY DOCKET NO. 3265.1002-000	APPLICATION NO. 09/848,780
SUPPLEMENTAL INFORMATION DISCLOSURE CITATION IN AN APPLICATION May 23, 2002 (Use several sheets if necessary)		APPLICANT Mitchell C. Sanders	
		FILING DATE May 3, 2001	
		GROUP 1645	RECEIVED JUN 03 2002 TECH CENTER 1600/2900

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
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	AE						
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	AG						
	AH						
	AI						
	AJ						
	AK						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<i>Sul</i>	AS2	Liang, P., et al., "Purification, structure and in vitro molecular-chaperone activity of Artemia p26, a small heat-shock/ α -crystallin protein," <i>European Journal of Biochemistry</i> , 243(1-2):225-232(1997).
<i>Sul</i>	AT2	Ortwerth, B.J., et al., "Chemical Modification of Alpha Crystallin," <i>Experimental Eye Research</i> , 56(1):107-114 (1993).
<i>Sul</i>	AU2	Sachdev, D., et al., "Order of Fusions between Bacterial and Mammalian Proteins Can Determine Solubility in <i>Escherichia coli</i> ," <i>Biochemical and Biophysical Research Communications</i> , 244(3):933-937(1998).
<i>Sul</i>	AV2	Hayhurst, A., "Improved Expression Characteristics of Single-Chain Fv Fragments When Fused Downstream of the <i>Escherichia coli</i> Maltose-Binding Protein or Upstream of a Single Immunoglobulin-Constant Domain," <i>Protein Expression and Purification</i> , 18(1):1-10 (2000).
<i>Sul</i>	AW2	Luo, Z-H., et al., "Increased Solubility of Glutathione S-Transferase-P16 (GST-P16) Fusion Protein by Co-Expression of Chaperones Groes and Groel in <i>Escherichia Coli</i> ," <i>Biochemistry and Molecular Biology International</i> , 46(3):471-477 (1998).
<i>Sul</i>	AX2	Kapust, R.B., et al., " <i>Escherichia coli</i> maltose-binding protein is uncommonly effective at promoting the solubility of polypeptides to which it is fused," <i>Protein Science</i> , 8(8):1668-1674(1999).

EXAMINER <i>Sul</i>	DATE CONSIDERED 10-29-2002
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